Audacious - Bug #527

Enabling the Dynamic Range Compresor plugin causes a segfault

March 27, 2015 15:50 - daniel g

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Start date:</th>
<th>March 27, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Minor</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
<td>% Done:</td>
<td>100%</td>
</tr>
<tr>
<td>Category:</td>
<td>plugins/compressor</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>3.6.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affects version:</td>
<td>3.6.1</td>
<td></td>
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</tbody>
</table>

Description
sistem asus k50in
os ubuntu 14.10
kernel 3.16.0-33
pulseaudio 1.4.0

audacious crash when i activate plugin Dynamic Range Compresor

Mar 27 01:56:13 darkzone kernel: [83268.126995] audacious: segfault at 7fa7b1707000 ip 00007fa7b1706614 sp 00007fa7c4f42b30 error 4 in compressor.so[7fa7b1705000+2000]

History

#1 - March 27, 2015 15:53 - daniel g
whit audacious 3.5.2 I do not have this problem

#2 - March 29, 2015 11:34 - Chaden Cross
make sure you have installed the latest version and if this does not help de-install the whole software and install it new...

#3 - March 29, 2015 18:51 - John Lindgren
Please provide a backtrace.

#4 - March 30, 2015 20:53 - Thomas Lange
- Subject changed from crash audacious to Enabling the Dynamic Range Compresor plugin causes a segfault
- Assignee deleted (daniel g)
- Target version deleted (3.6.1)
- Affects version 3.6 added
- Affects version deleted (3.6.1)

I could not reproduce the crash with Ubuntu 14.10 and Audacious 3.6 from the WebUpd8 PPA. How did you install Audacious?

#5 - March 31, 2015 12:48 - daniel g
Audacious is installed form ppa WebUpd8.
@John Lindgren could you help whit backtrace

output by verbose
INFO vfs.cc:93 [VFSFile]: <0x7f99180056d0> open (mode r) http://asculta-server19.radiolive247.ro:9000/
INFO effect.cc:63 [effect_start]: Starting Bauer Stereophonic-to-Binaural (BS2B) at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Crystalizer at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Dynamic Range Compressor at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Extra Stereo at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting Channel Mixer at 2 channels, 44100 Hz.
INFO effect.cc:63 [effect_start]: Starting SoX Resampler at 2 channels, 44100 Hz.
INFO output.cc:133 [setup_output]: Reusing output stream, format 11, 2 channels, 192000 Hz.
INFO output.cc:342 [output_set_replay_gain]: Replay Gain info:
INFO output.cc:343 [output_set_relay_gain]: album gain: 0.000000 dB

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INFO output.cc:344 [output_set_replay_gain]:  album peak: 0.000000
INFO output.cc:345 [output_set_replay_gain]:  track gain: 0.000000 dB
INFO output.cc:346 [output_set_replay_gain]:  track peak: 0.000000
Segmentation fault (core dumped)
dany@darkzone:$

#6 - March 31, 2015 12:55 - daniel g
- File Fișier text added

#7 - April 01, 2015 02:36 - John Lindgren
Google "gdb tutorial".

#8 - April 02, 2015 16:24 - daniel g
(gdb) run
Starting program: /usr/bin/audacious
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".
[New Thread 0x7fff2a817180 (LWP 32208)]
[New Thread 0x7fff139e6700 (LWP 32209)]
[New Thread 0x7fff11438700 (LWP 32134)]
[New Thread 0x7ffeae60d700 (LWP 31635)]
[Thread 0x7ffeae60d700 (LWP 31635) exited]
[New Thread 0x7ffeae60d700 (LWP 31635)]
[New Thread 0x7ffeae10c3700 (LWP 31637)]
[New Thread 0x7ffeae60d700 (LWP 31636)]
[New Thread 0x7ffeae10c3700 (LWP 31637)]
[New Thread 0x7ffeae10c3700 (LWP 31641)]
[New Thread 0x7ffdc60700 (LWP 31642)]
[Thread 0x7ffdc60700 (LWP 31642) exited]
[Thread 0x7ffeae10c3700 (LWP 31633) exited]
[New Thread 0x7ffeae10c3700 (LWP 31645)]
[New Thread 0x7ffdc60700 (LWP 31646)]
[Thread 0x7ffe10c3700 (LWP 31637) exited]
[New Thread 0x7ffe10c3700 (LWP 31647)]
[New Thread 0x7faed0700 (LWP 31648)]
[Thread 0x7faed0700 (LWP 31648) exited]
[Thread 0x7ff1c39700 (LWP 31645) exited]
[New Thread 0x7ffeae10c3700 (LWP 31649)]
[New Thread 0x7ffeae0700 (LWP 31650)]
[Thread 0x7ffeae0700 (LWP 31650) exited]
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[Thread 0x7ffe10c3700 (LWP 31647) exited]
[Thread 0x7ffe10c3700 (LWP 31649) exited]
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[New Thread 0x7ffe10c3700 (LWP 31657)]
[Thread 0x7ffe10c3700 (LWP 31658) exited]
[New Thread 0x7ffe10c3700 (LWP 31658)]
[New Thread 0x7ffe10c3700 (LWP 31659)]
[Thread 0x7ffe10c3700 (LWP 31659) exited]
Program received signal SIGSEGV, Segmentation fault.
[Switching to Thread 0x7ffe10c3700 (LWP 31636)]
0x000000fff83817614 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Effect/compressor.so (gdb)
There's a lot of noise there but no backtrace. In case you couldn't find it in the tutorial, the gdb command to get a backtrace is "backtrace".

Are you still interested in having us look into this problem? If so, we need a backtrace.

Program received signal SIGSEGV, Segmentation fault.  
[Switching to Thread 0x7fffea60d700 (LWP 15495)]  
0x00007ffbe049614 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Effect/compressor.so  
(gdb) bt  
#0 0x00007ffbe049614 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Effect/compressor.so  
#1 0x00007ffbebab370 in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3  
#2 0x00007ffbebb07af in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3  
#3 0x00007ffbeb22b1 in InputPlugin::write_audio(void const*, int) () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3  
#4 0x00007ffcb299f875 in ?? () from /usr/lib/x86_64-linux-gnu/audacious/Input/madplug.so  
#5 0x00007ffbeb1b7b in ?? () from /usr/lib/x86_64-linux-gnu/libaudcore.so.3  
#6 0x00007ff79810a5 in start_thread (arg=0x7ffea60d700) at pthread_create.c:309  
#7 0x00007ff8e6ac0c0 in clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:111  
(gdb)
Okay, this is progress, but you apparently have a version of Audacious with no debug symbols. See if there is an audacious-dbg package you can install.

i installed audacious-dbg and audacious-plugins-dbg (now version is audacious 3.6.1)

gdb) bt full
#0 0x00007fff85300614 in calc_peak (length=17640, data=0x7fffd847c004) at compressor.cc:107
    sum = 163358899
    end = 0x7fffd8485100
#1 Compressor::process (this=<optimized out>, data=...) at compressor.cc:172
    new_peak = <optimized out>
    offset = 3048
    remain = 1048
#2 0x00007fff87ba370 in effect_process (data=...) at effect.cc:111
    cur = 0x7fffd87fd8b30 <buffer1>
    e = <optimized out>
#3 0x00007fff87bb07af in write_output (stop_time=<optimized out>, size=1, data=0x7fffd80b28c0) at output.cc:286
    samples = 4096
    stopped = <optimized out>
#4 output_write_audio (data=data@entry=0x7fffd80b28c0, size=size@entry=16384, stop_time=<optimized out>) at output.cc:369
    good = false
#5 0x00007fff87bb22b1 in InputPlugin::write_audio (data=0x7fffd80b28c0, length=16384) at playback.cc:561
    a = -1
    b = -1
    stop_time = <optimized out>
#6 0x00007fff87df9784 in AACDecoder::play (this=<optimized out>, filename=<optimized out>, file=...) at aac.cc:468
    seek_value = <optimized out>
    info = {bytesconsumed = 187, samples = 4096, channels = 2 '002', error = 0 '000', samplerate = 44100}
        sbr = 1 '001', object_type = 5 '005', header_type = 2 '002', num_front_channels = 2 '002',
        num_side_channels = 0 '000', num_back_channels = 0 '000', num_lfe_channels = 0 '000',
        channel_position = "002|003", '000' <repeats 61 times>, ps = 0 '000'}
    audio = 0x7fffd80b28c0
    decoder = 0x7fffd8169e60
    buf = "..."
Fixed.

### Files

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fișier text</td>
<td>19.7 KB</td>
<td>March 31, 2015</td>
<td>daniel g</td>
</tr>
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</table>